

ABSTRACT OF THE DISCLOSURE

The object of the present invention is to provide a method and apparatus for manufacturing an EL layer of uniform thickness, causing effective light emission of pixel openings and manufacturing an organic EL display showing sufficient brightness and excellent in practicability, by an ink jet method. Further object is to provide a method and apparatus for manufacturing a color filter excellent in practicability by an ink jet method, in which a dye layer with uniform thickness is formed and optical coloring of uniform tone is conducted at pixel openings.

A method for manufacturing an organic EL display and a color filter by an ink jet method, wherein a device for increasing the temperature of a substrate by heating a stage, and for adjusting a nozzle at cooled temperature are provided to prevent poor ink discharge, and a process of discharging an ink material from a nozzle, subsequently, a process of drying the ink material discharged on a substrate is conducted, while relatively moving the substrate and nozzle. By this manufacturing method, a problem of irregular thickness of an EL layer can be solved.